

## Purchase Order Receipt Listing

Wednesday, August 09, 2017 1:08:22 PM

All amounts are calculated in domestic currency.

All Vendors PO ID PO36986 Receipt Dates from 8/9/2017 to 8/9/2017 All Line Item Types  
All Item ID/GL/WOs All Rec. Employees All Currencies  
Grouped by Vendor ID

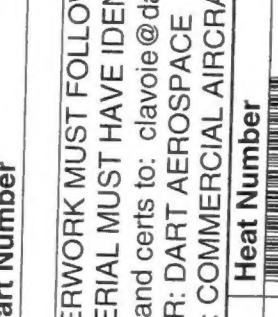
Page 1 of 1

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
PO36986	8		M7075T6S2.000X2.75f 50	DAS <b>5</b> 7075-T6S Sheet f 3.000" thick x 2.750" wide	7/28/2017	8/9/2017	12.0000	0.0000	0	\$0.00
USD	No		m138251		12.0000	PLOU01	0.0000	0.0000	0	
	9		M7075T6S1.750X4.5 f 00		7/28/2017	8/9/2017	12.0000	0.0000	0	\$0.00
	No		m138251	M7075T6 SHEET f 1.750 THICK X 4.500 WIDE <b>5</b> <b>9-89</b>	12.0000	PLOU01	0.0000	0.0000	0	
										Total Received Quantity:
										Total Qty to Inspect (PO U/M):
										Total Reject Quantity:
										Total Receipt Value:
										Total Balance Due Quantity:

INTERORG TRANSFER  
PACKING SLIP/  
CERTIFICATE OF CONFORMANCE

Page 1 of 2

Shipment No:3340929

<b>Ship From:</b> A. M. CASTLE & CO. 14001 ORANGE AVENUE PARAMOUNT, CA 90723 USA	<b>Sold To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	<b>Ship To:</b> A. M. CASTLE & CO. 2150 ARGENTIA ROAD MISSISSAUGA, ON L5N 2K7 CAN	<b>Deliver To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA
<b>Date Shipped</b> 26-JUL-17	<b>F.O.B.</b> ORIGIN	<b>Freight Terms</b> Prepaid	<b>Carrier</b> ABF
<b>Shipment Details</b>			
<b>Final Destination Branch - TOR</b>			
<b>Order No</b> 4823222	<b>Line No</b> 3	<b>Item No</b> 752054.MO	<b>Description</b> 3.0000.PL.7075.T651.ALUMINUM.USI.48.5000.144.5000 CUT LENGTH TO 2.75 IN X 144.5 IN ALUMINUM PLATE SAW SPECIFICATIONS: AMS-QQ-A-250/12
<b>Purchase Order No</b> 36986	<b>Part Number</b>	<b>Ordered Qty</b> 1.00 PCS	<b>Invoice Qty</b> 1.00 PCS
<b>Details</b> ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #'S Email P/s and certs to: clavoie@dartaero.com END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS			
<b>Delivery No.</b> 121207817	<b>Mill</b>	<b>Heat Number</b>  DAB 170334B7989	<b>Mech Id</b> 1
		<b>Width (IN)</b>	<b>Length (IN)</b>
			<b>Shipped Qty(LBS)</b> 122.8119

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations.

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Date Printed: 26-JUL-2017 04:52:00 PM

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We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit.

Reviewed by Authorized Castle Metals Representative:

Date: Name:



801A-8-9.

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations.  
Date Printed: 26-JUL-2017 04:52:00 PM

INTERORG TRANSFER  
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Page 1 of 2

Shipment No:3340929

<b>Ship From:</b>	<b>Sold To:</b>	<b>Ship To:</b>	<b>Deliver To:</b>
A. M. CASTLE & CO. 14001 ORANGE AVENUE PARAMOUNT, CA 90723 USA	DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON L5N 2K7 CAN	A. M. CASTLE & CO. 2150 ARGENTIA ROAD MISSISSAUGA, ON L5N 2K7 CAN	DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA
<b>Date Shipped</b>	<b>F.O.B.</b>	<b>Freight Terms</b>	<b>Carrier</b>
26-JUL-17	ORIGIN	Prepaid	ABX

**Shipment Details**

**Final Destination Branch - TOR**

<b>Order No</b>	<b>Line No</b>	<b>Item No</b>	<b>Description</b>				
4823222	5	750488.MO	1.7500.PL.7075.T651.ALUMINUM.USI.48.5000.144.5000 CUT LENGTH TO 4.5 IN () X 144.5 IN (+ .1250/- .0000 IN) ALUMINUM PLATE SAW SPECIFICATIONS: AMS-QQ-A-250/12				
<b>Purchase Order No</b>	<b>Part Number</b>		<b>Ordered Qty</b>				
36986	ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #'S Email P/s and certs to: clavoie@dartaero.com END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS		1.00 PCS				
<b>Details</b>			<b>Invoice Qty</b>				
			1.00 PCS				
<b>Delivery No.</b>	<b>Mill</b>	<b>Heat Number</b>	<b>Mech Id</b>	<b>PCS</b>	<b>Width (IN)</b>	<b>Length (IN)</b>	<b>Shipped Qty(LBS)</b>
121207817			DAS 5 93835905889	1			117.8218

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations.

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Date Printed: 26-JUL-2017 04:52:00 PM

INTERORG TRANSFER  
PACKING SLIP/  
CERTIFICATE OF CONFORMANCE

Page 2 of 2

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the contract size, or material cut by the customer cannot be returned for credit.

Reviewed by Authorized Castle Metals Representative:

Date: Name:



-26\A

8/17/89.

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations.  
Date Printed: 26-JUL-2017 04:52:00 PM



**Load Details**

AMS 4045K REV 13 2013 100% SONIC W/ 0.125" DEADZONE Class A  
 AMS-STD-2154A 2012 TYPE I CLASS A 100% SONIC MINUS DEADZONE  
 ASTM B209-14  
 BSS-7055B 2013 CLASS A 100% SONIC TESTED MINUS DEADZONE  
 CST006 REV E 2011 CLASS A 100% SONIC MINUS DEADZONE  
 DPS 4.713 REV A 2012 CLASS A 100% SONIC MINUS DEADZONE  
 GAMP5 9101 REV B 2006 CLASS A 100% SONIC MINUS DEADZONE  
 PS 21211P 2010 CLASS A 100% SONIC MINUS DEADZONE

ALL LOTS ON THIS CERTIFICATION ALSO CONFORM TO THE FOLLOWING REQUIREMENTS:

A M CASTLE & CO.  
14001 ORANGE AVE.  
1420 KENSINGTON ROAD, SUITE 222  
OAK BROOK IL  
60523  
SOLO  
14001 ORANGE AVE.  
PARMAOUNT CA  
90723  
US  
T  
SHIP

CERTIFIED TEST REPORT  
Constellium Rolled Products  
Ravenswood, LLC

International Testing Laboratory  
**Nadcap**  
ACCREDITED 

Constellium

CERTIFIED TEST REPORT									
Constellium Rolled Products, hereby certifies that material shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated hereon. Any warranty is limited to that shown on Constellium Rolled Products standard general terms and conditions of Sales. Test reports are on file, subject to examination.									
ITEM ORDERED									
ALLOY	CLAD	TEMPER	GUAGE	WIDTH	LENGTH	MILL FINISH			
7075		1651	1.75000 in	48.50000 in	1,232 mm	144.50000 in	3,670 mm		
CUSTODIER PURCHASE ORDER NO. & ITEM									
1413045 Constellium Rolled Products, hereby certifies that									
CUSTODIER PURCHASE ORDER NO. & ITEM									
198377 Constellium Rolled Products, hereby certifies that									
ITEM ORDERED									
ALLOY	CLAD	TEMPER	GUAGE	WIDTH	LENGTH	SPEC PLATE, SAWED			
7075		1651	1.75000 in	48.50000 in	1,232 mm	144.50000 in	3,670 mm		
CUSTODIER SPECIFICATION									
AMS QQ-A-250/M2A RAVENSWOOD, WV 26164 USA									
PART NUMBER									
750488 B/L NUMBER									
WT. SHIPPED NO. OF PIECES GOVT. CONTRACT NO.									
9940.000 LB 000008									
Tensile - Room Temperature (SI)									
Yield (N/mm <sup>2</sup> ) Elongation (%) Report									
Tensile - Room Temperature (US)									
Ullimate (KSI) Yield (KSI) Elongation (%) Report									
Direction Tests Min Max Min Max Min Max									
LT 02 78.9 79.0 68.3 70.4 11.5 12.0									
Core SI FE CU MN MG CR ZN Ti ZR									
0.07 0.21 1.47 0.04 2.49 0.20 5.57 0.04 0.01									
OTHERS-EACH: .05 MAX. OTHERS TOTAL: 15 MAX. AL REMINDER									
All material contained in this lot was cast and manufactured in the USA									
LOT: 9383590									
Chemistry (Actual)									

SHIPTON  
SOLO  
TOD  
TO



**Constellium**

A M CASTLE & CO.  
14001 ORANGE AVE.  
1420 KENSINGTON ROAD, SUITE 220  
OAK BROOK IL  
60523



CERTIFIED TEST REPORT											
KAI SER ALUMINUM 14001 ORANGE AVE P.O. BOX 1402 PARAMOUNT, CA 90723 Trentwood Works - Spokane, WA 99215 Phone: (800) 367-2586											
SOLD TO: AM CASTLE & CO. SOLD TO 1420 KENSINGTON RD SUITE 220 OAK BROOK, IL 60523 Serial Number 4415418											
SHIP TO: 14001 ORANGE AVE P.O. BOX 1402 PARAMOUNT, CA 90723 Trentwood Works - Spokane, WA 99215 Phone: (800) 367-2586											
CUSTOMER PO NUMBER: 371337 WORK PACKAGE: CUSTMER PART NUMBER: 752054 SHIP RUN/LOAD: 103536/15 GOVT CONTRACT NUMBER:											
KAI SER ORDER NO.: 1209403 LINE ITEM: SHIP DATE: 17-APR-2016 ALTO: CLAD: TEMPER: 7075 BARE TRUCK BL #: 70751 Kaiser Select Plate WEIGHT SHIPPED: 1 QUANTITY: 1 PRODUCT DESCRIPTION: AMS-QQ-A-250/12/REV A ASTM B 209/REV14 BSS 7055/REV B DPS 4.713/REVAK GAMPS 9101/REV B/AMDSCN1 CSITI 006/REV E CMMP 025/REV U BAC 5439/REV J AMS-STD-2154/REV A Test Code: 1512 Test Results Lot: 170263B8 Cast 179 Drop 43 Ingot 4 Melted in USA (EN 2002-1) Tensile: Temper Dr / # Tests Ultimate KSI (MPa) Yield KSI (MPa) Elongation % T651 76.0 : 77.0 64.6 : 66.3 10.4 : 10.6 (524 : 531) (445 : 457) (ASTM E8/B557) Chemistry: (ASTM E1251) Si Fe Cu Mn Mg Cr Zn Ti V Zr Other Actual(wt%) 0.08 0.17 1.5 0.03 2.5 0.20 5.9 0.01 0.01 TOT 0.06											

MHU 1988532: LOT 170334B7: 1 pieces;	MHU 1990260: LOT 170263B8: 1 pieces;
4344 LB	2 PCS EST. DAs 2059793
WEIGHT SHIPPED:	QUANTITY: TRUCK BL #: 17-APR-2016 7075
1209403	CLAD: TEMPER: 70751 Kaiser Select Plate Gauge: 3.0000 IN Diameter: 76.2000 MM Length: 144.500 IN 1231.9 MM 144.500 IN (3670.3 MM)
371337	CUSTOMER PO NUMBER: 371337 WORK PACKAGE: CUSTMER PART NUMBER: 752054 SHIP RUN/LOAD: 103536/15 GOVT CONTRACT NUMBER:

JAMES HEMENWAY, TECHNICAL PROCESS MANAGER

Hannover forms

CERTIFICATION

**TEST NOTES**  
Mechanical properties presented by this test report was 100# TYPE I  
(impression) ultrasonically tested from one side which 3mm  
dead zones top and bottom and meets the Class A and Class B  
specifications of all specificiations referenced on this report.  
No surface marking of sonic indications is  
performed.

**ALUMINUM**  
Trentwood Works - Spokane, WA 99215  
4415418  
Serial Number

CERTIFIED TEST REPORT

**KAISEER** ALUMINUM

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

OC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY:	SIGNED OFF BY:
DATE: AUG 10 2017 8-09 5 DMS	

CUT SAMPLE PIECE OF MATERIAL AND PREDIFORM A HARDNESS CHECK.					
RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	WEBSTER
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					
TESTERS LOCATED IN THE QUALITY OFFICE					

DESCRIPTION	NCR	CHECK (Y/N)	COMMENTS
SURFACE DAMAGE	Y	N	
CORROSION	Y	N	
CORRECT FINISH	Y	N	
CORRECT GRAIN DIRECTION	Y	N	
CORRECT MATERIAL PER DRAWING	Y	N	4ms QA A 250 //2
CORRECT THICKNESS	Y	N	44-1703341B7
PHOTO REQUIRED	Y	N	
CORRECT REF # TO LINK CERT	Y	N	TO 754165
CORRECT MATERIAL IDENTIFICATION	Y	N	TO 754165
CORRECT M# ON THE MATERIAL	Y	N	TO 754165
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	N	
DOES THIS MATERIAL REQUIRE EXTRUSION REPORT	Y	N	

MATERIAL CERT REC'D: 13 DATE: AUG 10 2017  
 QUANTITY RECEIVED: 13 SHEET SIZE ORDERED: 3" x 2.850"  
 QUANTITY INSPECTED: 13 SHEET SIZE RECEIVED: 3" x 2.850"  
 MATERIAL CERT REC'D: yes SHEET SIZE RECEIVED: 3" x 2.850"  
 PO / BATCH NO.: M307541653.000A/250 DATE: AUG 10 2017  
 MATERIAL: M307541653.000A/250

## MATERIAL RECEIPT INSPECTION FORM

## SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 7075-T6/T6/T651 ALUMINUM SHEET OR PLATE  
SPECIFICATION:  
QQ-A-2501/12 OR AMS-QQ-A-250/12  
OR AMS 4045  
OR ASTM B209  
AS

8

3

PART NUMBER:  
B

B

**PREFERRED SIZE:**

WHERE "TTT" = THICKNESS (IN INCHES)  
AND "W.WWW" = WIDTH (IN INCHES, OPTIONAL, FOR SPECIFYING CUT PLATE)

EG. 0.063" THICK SHEET = M7075T6S.063  
EG. 3.5" WIDE BY 0.500" THICK PLATE = M7075T6S.500X3.500

.777 BY 4FT BY 10FT FOR SHEET

B	ADD. REF TO "PLATE" "TBS1" TEMPER, AMS 4048, OPTIONAL WIDTH DIN (CAR16-48)		CP	17.05.05
A	NEW ISSUE		RF	10.11.08
REV.	DESCRIPTION		BY	DATE
DESIGN	RF	<b>DART AEROSPACE LTD</b>		
DRAWN	CP	HAWKESBURY, ONTARIO, CANADA		
CHECKED	M.L.	DRAWING NO.		
MFG. APPR.	LL.	M7075T6S		
APPROVED	V.M.	TIME	SHEET 1 OF 1	
DE APPR.	DS	17.05.05	SCALE	NTS
DATE			PRINTED BY DART AEROSPACE LTD 2010 DART AEROSPACE LTD NOT TO SCALE AND NOT FOR FUSION WITHOUT THEIR EXPRESSED WRITTEN CONSENT	

RELEASED  
2017 JUN 19  
G

<b>DART AEROSPACE LTD</b>	
HAWKESBURY, ONTARIO, CANADA	
DESIGN	RF
DRAWN	CP
CHECKED	ML
MFG. APPR.	LL
APPROVED	WM
DE APPR.	DS-#
DRAWING NO. <b>M7075-T6S</b>	
TITLE <b>7075-TG SHEET/PLATE SPEC</b>	
SCALE <b>1:1</b>	
DATE <b>17.05.05</b>	
APPROVED <b>A</b>	
REV. B	SHEET 1 OF 1
NTS	

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Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

OC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY:	SIGNED OFF BY: DAS
DATE: Aug 10 2017 8-69	

RECORD RESULTS BELOW					
CUT SAMPLE PIECE OF MATERIAL AND FORM A HARDNESS CHECK.					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	WEBSTER
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

DESCRIPTION	NCR (Check Y/N)	COMMENTS			
SURFACE DAMAGE	<input checked="" type="checkbox"/>	485S QA A 350/12			
CORROSION	<input checked="" type="checkbox"/>	485S QA A 350/12			
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	485S QA A 350/12			
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/>	485S QA A 350/12			
CORRECT THICKNESS	<input checked="" type="checkbox"/>	485S QA A 350/12			
PHOTO REQUIRED	<input checked="" type="checkbox"/>				
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	485S QA A 350/12			
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	485S QA A 350/12			
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/>	485S QA A 350/12			
DOES THIS MATERIAL REQUIRE EXTRUSION REPORT	<input checked="" type="checkbox"/>	485S QA A 350/12			
RECORD RESULTS BELOW					
CUT SAMPLE PIECE OF MATERIAL AND FORM A HARDNESS CHECK.					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	WEBSTER
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

MATERIAL CERT REC'D:	1,750X4,500	THICKNESS ORDERED:	1,750X4,500	QUANTITY RECEIVED:	12	DATE:	Aug 10 2017
PO / BATCH NO:	4348/1138251	SHEET SIZE ORDERED:		QUANTITY INSPECTED:	12	SHEET SIZE RECEIVED:	
MATERIAL:	485S1,750X4,500	THICKNESS RECEIVED:		QANTITY REJECTED:	0	SHET SIZE RECEIVED:	





7/11/2017

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get up

18-8-18

JUL 12 2012  
MICHIGAN STATE LIBRARIES

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Purchase Order ID: PO36986

Purchase Order Date 7/11/2017 PO Print Date 7/11/2017

100

**DART**  
AEROSPACE



7/11/2017

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Purchase Order ID	PO36986	Dart Aerospace Ltd 1270 Aberdeen Street Hawkesbury, ON K6A 1K7	TEL: 613 632 9577 FAX: 613 632 1053
Purchase Order Date	7/11/2017	PO Print Date	7/11/2017
Page Number	3 of 5		





immediately.

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